

ABSTRACT

A database operating device and its method. A program for the operation can be easily developed and its debug maintenance is easily conducted. A transaction including at least one processing for operating a database is defined in an application layer. A memory area used only for the defined transaction is assigned. Using the memory area, a processing included in the transaction is executed. A processing for operating a database is defined as a component, i.e., a program module by a library. The operation of the database is executed in units of a defined transaction.